

Abstract

The invention discloses a large portable umbrella which relates to the technical field of large foldable umbrella. A large portable umbrella of the invention includes an umbrella column, supporting arms, tarpaulin, cover arms supporting tarpaulin, a develop-fold mechanism, an upper umbrella disk fixed on the top of the umbrella column, and a lower umbrella disk movable up and down along the umbrella column, wherein one end of the cover arms being hinged on the upper umbrella disk, one end of the supporting arms being hinged on the lower umbrella disk and the other end of the supporting arms being hinged at the middle of the cover arms, characterized in that a: the moving space of the lower umbrella disk is from the upper umbrella disk down to the position of the lower umbrella disk when the large umbrella is developed, and the large portable umbrella is developed when the develop-fold mechanism drives the lower umbrella disk to move downwards along the umbrella column, and the large portable umbrella is folded when the lower umbrella disk moves upwards along the umbrella column causing the space between the lower umbrella disk and the upper umbrella disk is shortened; b: each cover arm is composed of an upper cover arm and a lower cover arm, the upper cover arm and the lower cover arm being hinged with each other via a position limiting hinge which serves for limiting the developing angle of the lower cover arm. Under the circumstance where the usable umbrella cover area of the invention is equal to that of the traditional large umbrella, the length of the large portable umbrella of the invention when folded is just one half of that of traditional large umbrella, and thereby the large portable umbrella can be put into car box and is convenient for carrying, and is applicable to family junketing, flexible booth setting, floating fieldwork, etc.